



Patent
Attorney's Docket No. 0023-0008

2633
41

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)

Spencer Greene)

Application No.: 09/859,581)

Filed: May 18, 2001)

For: TRANSPARENT WAVELENGTH)
DIVISION MULTIPLEXING)

Group Art Unit: 2633

Examiner: R. Sedighian

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INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

U.S. Patent and Trademark Office
220 20th Street S.
Customer Window, Mail Stop Amendment
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for
the above-identified patent application.

- ☐ No additional fee for submission of the IDS is required.
- ☒ The fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ Charge \$_____ to Deposit Account No. 50-1070 for the fee due.
- ☒ A check in the amount of \$180.00 is enclosed for the fee due.

12/02/2004 LWONDIH1 00000068 09859581

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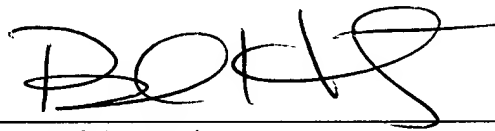
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The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By: _____



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CUSTOMER NUMBER: 44987

Date: December 1, 2004



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DIVISION MULTIPLEXING)	

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(c)

U.S. Patent and Trademark Office
220 20th Street S.
Customer Window, Mail Stop Amendment
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), applicant(s) bring(s) to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final Action or a Notice of Allowance. Under the provisions of 37 C.F.R. § 1.97(c), this Information Disclosure Statement:

- ☐ includes a certification as specified by Section 1.97(e).
- ☒ is accompanied by a fee of \$180.00 as specified by Section 1.17(p).

☐ **Certification 1:** Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

☐ **Certification 2:** No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

☒ Copies of the listed documents are attached.

☐ Copies of the listed documents were previously submitted in a prior application, serial no. _____, filing date _____, upon which applicant(s) rely(ies) for the benefits provided in 35 U.S.C. § 120. Applicant(s) respectfully request(s) that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

☐ The following is a concise statement of relevance of the non-English language documents.

1. _____ discloses _____.

2. _____ discloses _____.

☐ English translations of the non-English documents are enclosed.

☐ In lieu of a statement of relevance or translation of the non-English documents, an English language version of a search report from the _____ Patent Office in a corresponding application citing these documents and setting forth the relevance thereof is enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and applicant(s) determine(s) that the cited document(s) do not constitute "prior art" under United States law, applicant(s) reserve(s) the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If any copending application(s) is/are cited on the attached PTO 1449, the Examiner's attention is directed to the foregoing application(s) in compliance with § 2001.06(b) of the Manual of Patent Examining Procedure. By identifying the copending application(s), the assignee and/or applicant of the application(s) do not waive confidentiality of the application(s). Accordingly, the U.S. Patent and Trademark Office is requested to maintain the confidentiality of the copending application(s) under 35 U.S.C. § 122.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By: 

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CUSTOMER NUMBER: 44987

Date: December 1, 2004

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INFORMATION DISCLOSURE CITATION PTO-1449	CUSTOMER NUMBER 44987	ATTORNEY'S DKT No. 0023-0008	APPLICATION No. 09/859,581
		APPLICANT(S) Spencer Greene	
		FILING DATE May 18, 2001	GROUP 2633

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U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Stamatios V. Kartalopoulos: "Introduction to DWDM Technology Data in a Rainbow," IEEE Press 2000.
	M.A. Arbore et al.: "Difference frequency mixing in LiNbO ₃ /waveguides using an adiabatically tapered periodically-segmented coupling region; <i>Lasers and Electro-Optics</i> , 1996, CLEO '96, June 2-7, 1996, pages 120-121.
	L.A. Eyres et al.: "MBE growth of laterally antiphase-patterned GaAs films using thin Ge layers for waveguide mixing," <i>Lasers and Electro-Optics</i> , 1998, CLEO 98, Technical Digest; May 3-8, 1998; page 276.
	M. H. Chou et al.: "Bidirectional wavelength conversion between 1.3- and 1.5- m telecommunication bands using difference frequency mixing in LiNbO ₃ waveguides with integrated coupling structures," <i>Lasers and Electro-Optics</i> , 1998. CLEO 98, Technical Digest, May 3-8, 1998; pages 475-476.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).